

Klineline Pond E-Coli Monitoring 2014

	<u>15-May</u>	<u>27-May</u>	<u>9-Jun</u>	<u>24-Jun</u>	<u>8-Jul</u>
Temperature C°		21.3	21.7	23	26.3
DO		10.47	10.82	12.5	9.85
Percent DO		116.2	133.5	150	127
Conductivity (µS)		211.8	210	204.3	198.1
Turbidity (NTU)		9.4	1.34	1.4	2
pH		8.71	8.94	9.36	9.33

E-Coli Sample Sites

KLN075	7.4	1	1*	14.6	3
KLN076	7.4	4.1	1	5.2	<1
KLN077	12.1*	>1	7.4	1.0*	<1
KLN078	10.8	2	2	5.1	<1
KLN079	4.1	3*	2	2	1*
Duplicate	23.1	3.1	2	5.2	2

NOTE: The EPA recommended level for closing a beach is 236

* = duplicate was sampled from that site

Klineline Pond Cyanobacteria Results 2014

Cell Density (Number of cells per ml.) composite sample

Sample Date:

TAXA

Aphanizomenon

Anabaena

Microcystis

Oscillatoria

Other

Toxin Levels: Mycrocystin:
 Anatoxin-a:

* The standard for closing the swimming area is: microcystin : 6µg/L ; anatoxin-a : 1µg/L